



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: William D. Huse, *et al.*

Serial No.: 10/697,400

Group No.:

Filed: 10/30/03

Examiner:

Entitled: **Heteromeric Variable Regions With Unvaried
Human Framework Regions**

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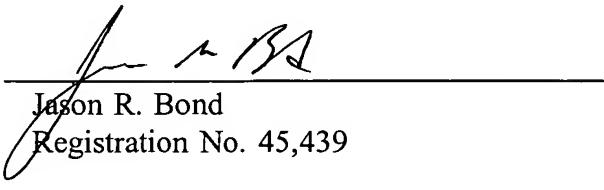
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Dated: <u>March 12, 2004</u>	By:  Susan M. McClintock

Sir or Madam:

I hereby state that the enclosed Sequence Listing is being submitted in paper copy, and that no new matter has been introduced.

Dated: March 12, 2004

By: 

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SEQUENCE LISTING

<110> Huse, William

Watkins, Jeffry

Wu, Herren

<120> Methods of Optimizing Antibody Variable Region Binding Affinity

<130> AME-06352

<140> 09/434, 870

<141> 1999-11-04

<150> 60/159, 689

<151> 1999-10-14

<160> 4

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Asp Arg Val Ser Leu

Leu His Trp Tyr Glu

55

Bys týr Aia sei II.

Ser Gly Ser Gly Ser

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Thr Phe Gly Gly C'

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Leu Ala Trp Tyr Gln Gln Lys Pro Gly Gln Ala Pro Arg Leu Leu Ile
35 40 45

Tyr Asp Ala Ser Asn Arg Ala Thr Gly Ile Pro Ala Arg Phe Ser Gly
50 55 60

Ser Gly Ser Gly Thr Asp Phe Thr Leu Thr Ile Ser Ser Leu Glu Pro
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Thr Phe Gly Gly Thr Lys Val Glu Ile Lys
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35 40 45

Gly Trp Ile Asn Thr His Ser Gly Val Pro Lys Tyr Val Glu Asp Phe
50 55 60

Lys Gly Arg Phe Ala Phe Ser Leu Glu Thr Ser Ala Asn Thr Ala Tyr
65 70 75 80

Leu Gln Ile Ser Asn Leu Lys Asn Glu Asp Thr Ala Thr Tyr Phe Cys
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20 25 30

Ala Met Asn Trp Val Arg Gln Ala Pro Gly Gln Gly Leu Glu Trp Met
35 40 45

Gly Trp Ile Asn Thr Asn Thr Gly Asn Pro Thr Tyr Ala Gln Gly Phe
50 55 60

Thr Gly Arg Phe Val Phe Ser Leu Asp Thr Ser Val Ser Thr Ala Tyr
65 70 75 80

Leu Gln Ile Ser Ser Leu Lys Ala Glu Asp Thr Ala Val Tyr Tyr Cys
85 90 95

Ala Arg Tyr Phe Asp Tyr Trp Gly Gln Gly Thr Leu Val Thr Val Ser
100 105 110

Ser